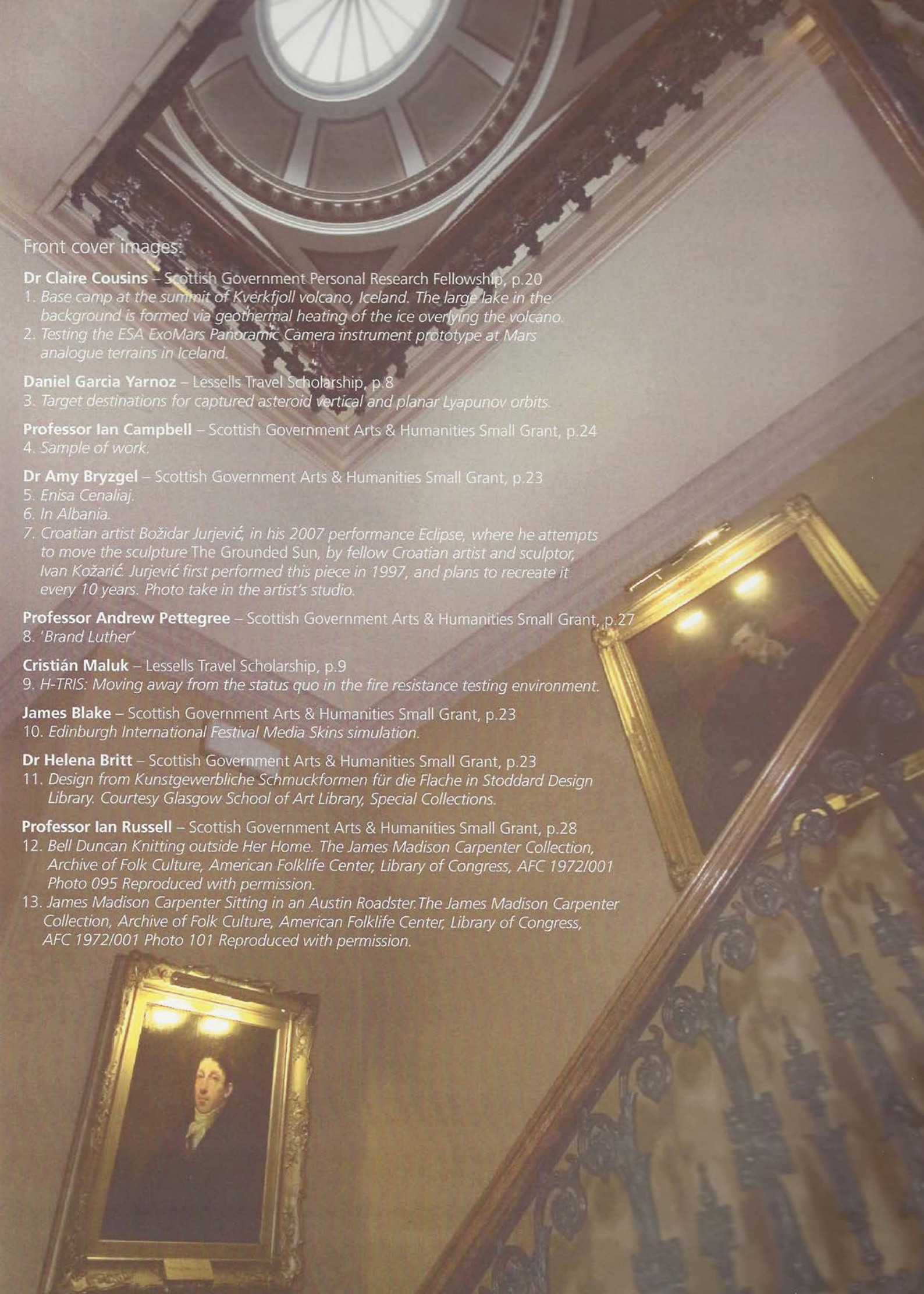


THE ROYAL SOCIETY  
OF EDINBURGH  
RESEARCH AWARDS RECEPTION



MONDAY 2 SEPTEMBER 2013





Front cover images:

**Dr Claire Cousins** – Scottish Government Personal Research Fellowship, p.20

1. Base camp at the summit of Kverkfjoll volcano, Iceland. The large lake in the background is formed via geothermal heating of the ice overlying the volcano.
2. Testing the ESA ExoMars Panoramic Camera instrument prototype at Mars analogue terrains in Iceland.

**Daniel Garcia Yarnoz** – Lessells Travel Scholarship, p.8

3. Target destinations for captured asteroid vertical and planar Lyapunov orbits.

**Professor Ian Campbell** – Scottish Government Arts & Humanities Small Grant, p.24

4. Sample of work.

**Dr Amy Bryzgel** – Scottish Government Arts & Humanities Small Grant, p.23

5. Enisa Cenaliaj.
6. In Albania.
7. Croatian artist Božidar Jurjević, in his 2007 performance *Eclipse*, where he attempts to move the sculpture *The Grounded Sun*, by fellow Croatian artist and sculptor, Ivan Kozarić. Jurjević first performed this piece in 1997, and plans to recreate it every 10 years. Photo taken in the artist's studio.

**Professor Andrew Pettegree** – Scottish Government Arts & Humanities Small Grant, p.27

8. 'Brand Luther'

**Cristián Maluk** – Lessells Travel Scholarship, p.9

9. H-TRIS: Moving away from the status quo in the fire resistance testing environment.

**James Blake** – Scottish Government Arts & Humanities Small Grant, p.23

10. Edinburgh International Festival Media Skins simulation.

**Dr Helena Britt** – Scottish Government Arts & Humanities Small Grant, p.23

11. Design from *Kunstgewerbliche Schmuckformen für die Fläche* in *Stoddard Design Library*. Courtesy Glasgow School of Art Library, Special Collections.

**Professor Ian Russell** – Scottish Government Arts & Humanities Small Grant, p.28

12. Bell Duncan Knitting outside Her Home. The James Madison Carpenter Collection, Archive of Folk Culture, American Folklife Center, Library of Congress, AFC 1972/001 Photo 095 Reproduced with permission.
13. James Madison Carpenter Sitting in an Austin Roadster. The James Madison Carpenter Collection, Archive of Folk Culture, American Folklife Center, Library of Congress, AFC 1972/001 Photo 101 Reproduced with permission.

# THE ROYAL SOCIETY OF EDINBURGH

## RESEARCH AWARDS RECEPTION 2013

### PROGRAMME

- |         |  |
|---------|--|
| 5.00 pm | Guests arrive and seated by 5.30 pm  |
| 5.30 pm | Welcome from the Vice-President for Business,<br><i>Mr Ian Ritchie CBE FREng</i>   |
| 5.35 pm | Research Awards Convener:<br><i>Professor Steve Beaumont OBE MIEE MIEEE</i><br>Report on 2013 Awards Programme<br>Announcement of Scottish Crucible Project Awards |
| 5.45 pm | Vice-President's Concluding Remarks  |
| 5.50 pm | Poster Displays and Buffet Supper  |
| 8.00 pm | Finish   |



## Welcome by Sir John Arbuthnott MRIA The President of the Royal Society of Edinburgh



One of the most significant events each year for the Royal Society of Edinburgh is the annual Research Awards Reception. Unfortunately, I cannot be at the Reception this year as I will be travelling to China in order to further develop links with the research community there, which I hope in the future will lead to a further enhancement of our Research Awards programme. I am, though, delighted that so many of the Award winners and their guests will be present at the Reception and I hope the evening goes well.

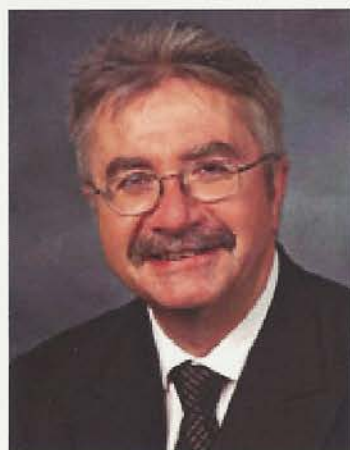
The reason that the Reception is important is that we are recognising and celebrating the achievements of talented people from academia and business, most of whom are currently working in Scotland, as well as many who work in other parts of the UK or internationally.

The RSE was established by Royal Charter in 1783 with the aim of "the advancement of learning and useful knowledge". These Awards enable the Society to be true to this in disciplines such as science and engineering, medicine, the arts and humanities, and enterprise.

We can only do this, of course, with the continuing support of our many funding partners. For their continued support I thank – BP, BBSRC, the European Commission, Lloyds TSB Foundation for Scotland, STFC, Scottish Enterprise, the Scottish Government and the Scottish Funding Council. I also thank our new partner, the Saltire Foundation.

Finally, I wish to congratulate all of the inspiring men and women whose success and ability are being recognised at this year's RSE Research Awards Reception.

## Welcome by Professor Steve Beaumont OBE Research Awards Convener



Welcome to the RSE's annual Awards Reception. I am Professor Steve Beaumont, from the University of Glasgow, and I am entering my third and final year as Research Awards Convener here at the RSE.

This evening we are celebrating with the 2013 Research Fellows, Enterprise Fellows, Scholars and Students. You will find details about them and their projects in the following pages of this programme. The RSE is Scotland's National Academy of Science, the Arts, Business and Commerce, and the range of awards we are celebrating today reflects this.

We are delighted that we were able to award six Scottish Government-funded Research Fellowships this year with very welcome support from the host Universities. Budgets continue to be tight and the RSE appreciates the funding it receives from partner organisations, which you will find identified on page 5.

As a National Academy embracing all disciplines, we are very pleased that our Arts and Humanities awards remain very popular and the next deadline for applications is approaching on 16 September. On the business side, we continue to encourage the commercialisation of research through the Enterprise Fellowships programme. We have also become involved in partnering with the Saltire Foundation on a Saltire Foundation Fellowship. We look forward to hearing how our Saltire Fellow progresses through her experiences at Babson College in Boston and then being immersed in the business world.

Earlier this year, the RSE selection panel selected 32 Scottish Crucible participants and they have been through their career development "labs". We will announce the winning group projects at this event and you will find more information about Scottish Crucible and its participants at the end of this programme.

I wish all the 2013 Awardees every success with their projects over the coming year and into the future. I would also like to take this opportunity to thank all those involved in the selection and funding of our Awardees; without them these awards would not happen.



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*Foundation for Scotland*





# Research Awardees 2013

## Scottish Government Arts & Humanities Small Grants



### **James Blake**

Director, Centre for Media and Culture, Edinburgh Napier University  
*Learning from Korea - the EIF Media Skins Project*

At the Centre for Media and Culture at ENU we have developed long and healthy partnerships with the creative sector in Scotland including the Edinburgh International Festival. The Media Skins research project has come out of this. I have been working and collaborating with Professor HyungSu Kim and his team from Yonsei University in South Korea. The EIF commission was this: to create a huge digital public art work on banks of LED screens on the Lothian Road during the festival. The research project involved a trip to Korea and focused on how this unique project happened. We investigated the links between Korea and Scottish culture – taking in visual concepts of identity, nationalism, stereotypes and history.

On the back of this project – and others – we are now turning the Centre for Media and Culture into a specialist centre for transmedia projects – where digital technology, art and culture collide.



### **Dr Helena Britt**

Fashion and Textiles, The Glasgow School of Art  
*Interwoven Connections: The Stoddard Templeton Design Studio and Design Library, 1843–2005*

The Stoddard Templeton companies were carpet manufacturers, based in Scotland. They produced carpets for highly prestigious occasions and interiors, including the royal coronations, Festival of Britain and for Cunard liners such as the Titanic and Queen Mary. Other prestigious venues for the companies' carpets included various palaces, Glasgow Cathedral, the White House and embassies throughout the Commonwealth. They produced for domestic markets and exported worldwide. This project focuses on the Stoddard Templeton Library, held by The Glasgow School of Art, a unique resource used by Stoddard Templeton designers to inspire and aid the design process. It contains a rich array of material amassed from the mid nineteenth to early twenty-first centuries. The project examines the workings of the Stoddard Templeton Design Studio and in particular how the Design Library was utilised, through analysis of archival material and interviews, culminating in an exhibition in the Mackintosh Museum (November 2013–January 2014).



### **Dr Amy Bryzgel**

History of Art, University of Aberdeen  
*Performance Art in Eastern Europe*

Performance Art in Eastern Europe aims to document and analyse the development of performance art in the former socialist, communist and Soviet countries of Eastern Europe from 1960 to the present. By utilising rare primary source material and original interviews with artists, I will be able to place works of performance art from Central and Eastern Europe in both a local and global context, and contribute the first substantial examination of the genre as it was manifest in this region. This study will highlight the distinct differences between performance art practices in Eastern Europe and the West, thus broadening and nuancing our understanding of the genre. The RSE Small Research Grant project supports travel to the region for the purposes of research, including accessing archives in contemporary art centres and meeting with and interviewing artists.



The Royal Society of Edinburgh (RSE) is Scotland's National Academy of Science & Letters. It is an independent body with charitable status. The Society organises conferences and lectures for the specialist and for the general public. It provides a forum for informed debate on issues of national and international importance.

Its multidisciplinary Fellowship of men and women of international standing provides independent, expert advice to key decision-making bodies, including Government and Parliaments.

The Society's Research Awards programme annually awards well over £2 million to exceptionally talented young researchers to advance fundamental knowledge, and to develop potential entrepreneurs to commercialise their research and boost wealth generation.

Among its many public benefit activities, the RSE is active in classrooms from the Borders to the Northern Isles, with a successful programme of lectures and hands-on workshops for primary and secondary school pupils.

The Royal Society of Edinburgh, working as part of the UK and within a global context, is committed to the future of Scotland's social, economic and cultural well-being.

## **The Royal Society of Edinburgh**

**Telephone/Textphone +44 (0) 131 240 5000**

**Fax +44 (0) 131 240 5024**

**e.mail [info@royalsoced.org.uk](mailto:info@royalsoced.org.uk)**

**[www.royalsoced.org.uk](http://www.royalsoced.org.uk)**

**22–26 George Street, Edinburgh EH2 2PQ**

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